

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
 Data File : VX046574.D
 Acq On : 09 Jun 2025 13:20
 Operator : JC/MD
 Sample : Q2241-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-N

Quant Time: Jun 10 01:42:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2025
 Supervised By : Mahesh Dadoda 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	107684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	190646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	89053	46.483	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.960%		
35) Dibromofluoromethane	5.397	113	64865	46.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	8.653	98	233608	50.540	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.080%		
62) 4-Bromofluorobenzene	11.079	95	91342	47.762	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.520%		
Target Compounds						
8) Diethyl Ether	2.148	74	28025	35.341	ug/l	92
16) Acetone	2.392	43	21162	32.207	ug/l	99
18) Methyl Acetate	2.715	43	10488	4.596	ug/l	100
20) Methylene Chloride	2.806	84	2644	1.720	ug/l	91
37) Ethyl Acetate	4.745	43	5905m	3.021	ug/l	
43) Isopropyl Acetate	6.361	43	4116	1.208	ug/l #	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

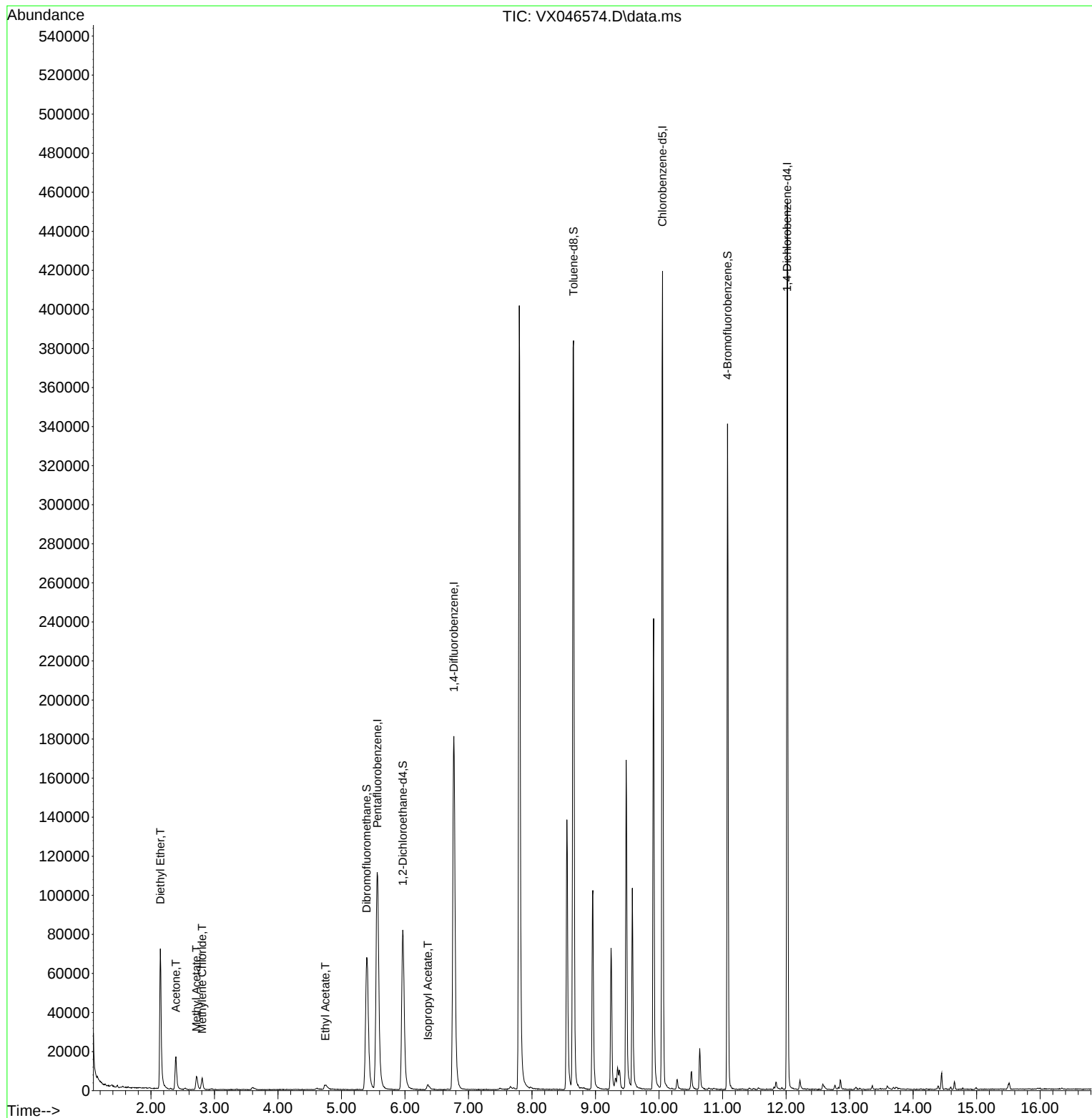
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060925\
Data File : VX046574.D
Acq On : 09 Jun 2025 13:20
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ALS Vial : 9 Sample Multiplier: 1

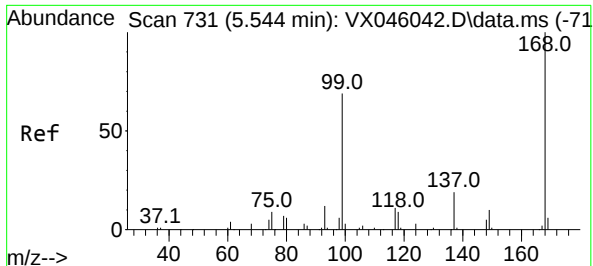
Instrument :
MSVOA_X
ClientSampleId :
TP-N

Quant Time: Jun 10 01:42:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

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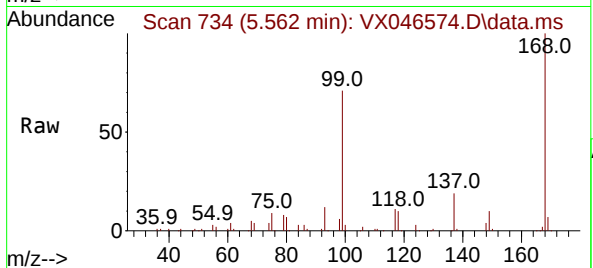
Reviewed By : John Carlone 06/10/2025
Supervised By : Mahesh Dadoda 06/10/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.006 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

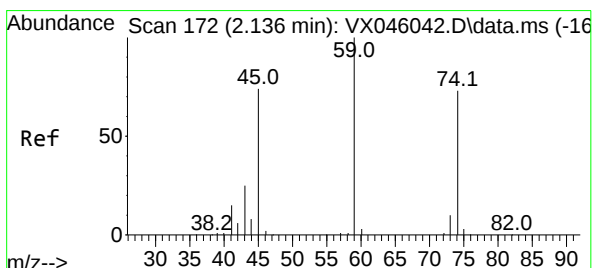
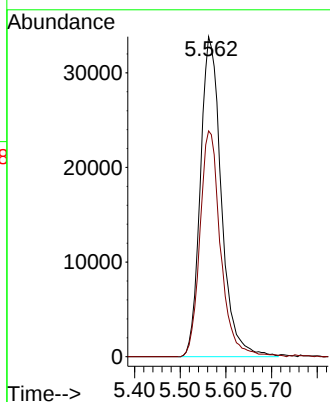
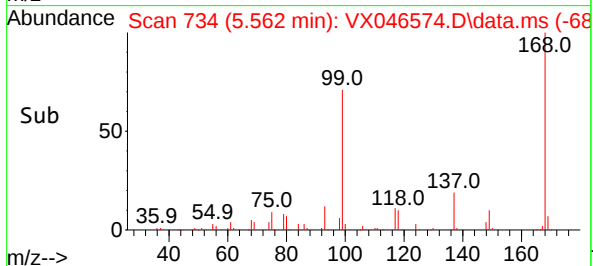
Instrument :
MSVOA_X
ClientSampleId :
TP-N



Tgt Ion:168 Resp: 107684
Ion Ratio Lower Upper
168 100
99 70.5 54.9 82.3

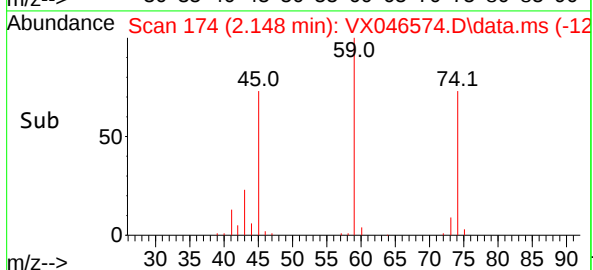
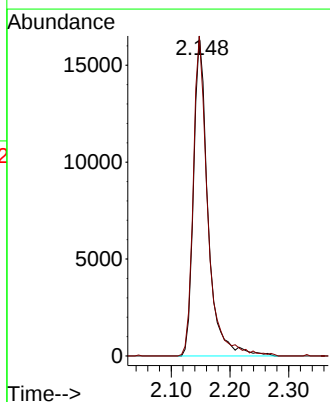
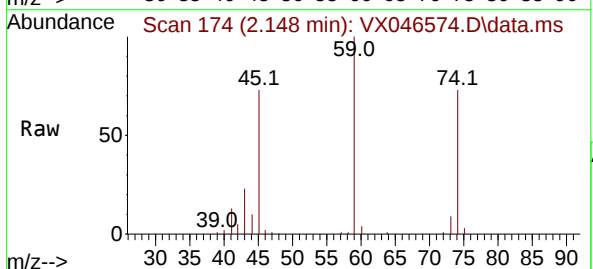
Manual Integrations
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Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#8
Diethyl Ether
Concen: 35.341 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

Tgt Ion: 74 Resp: 28025
Ion Ratio Lower Upper
74 100
45 101.4 54.9 164.8





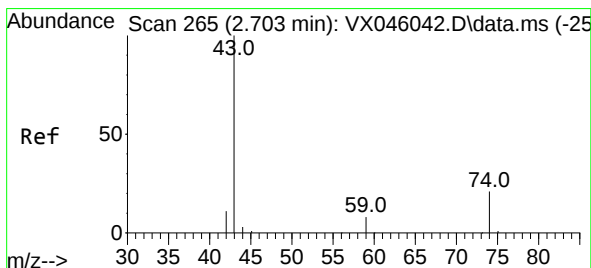
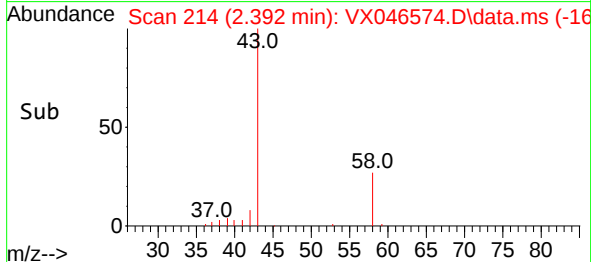
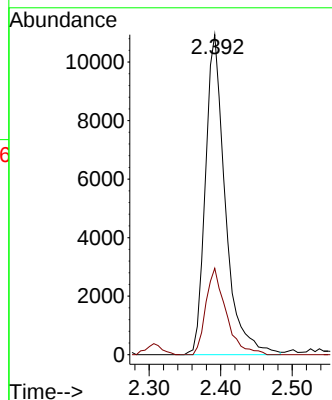
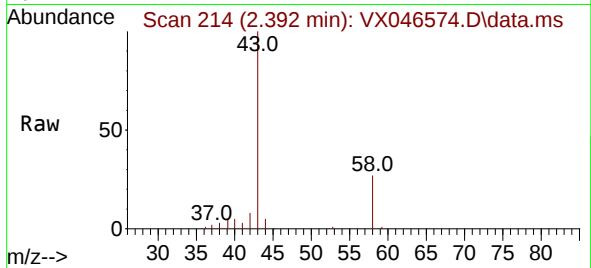
#16
Acetone
Concen: 32.207 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
TP-N

Tgt Ion: 43 Resp: 2116
Ion Ratio Lower Upper
43 100
58 27.0 21.2 31.8

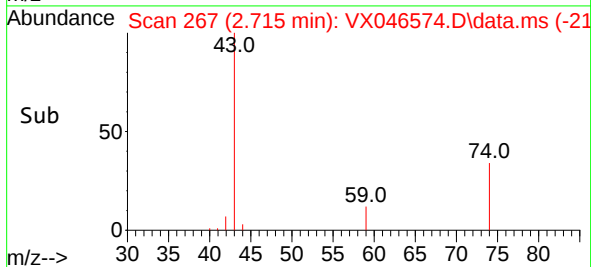
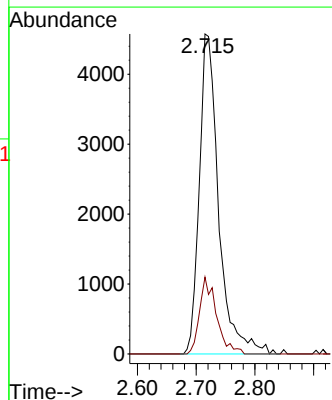
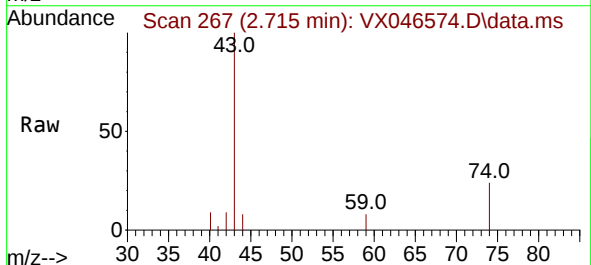
Manual Integrations
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Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#18
Methyl Acetate
Concen: 4.596 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

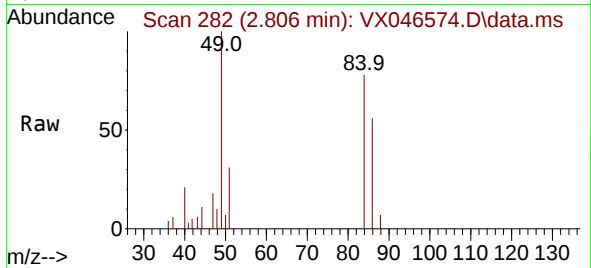
Tgt Ion: 43 Resp: 10488
Ion Ratio Lower Upper
43 100
74 21.1 16.7 25.1





#20
Methylene Chloride
Concen: 1.720 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
TP-N

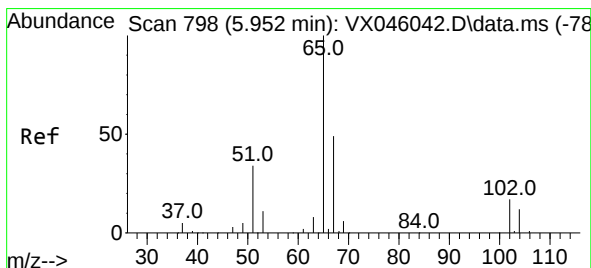
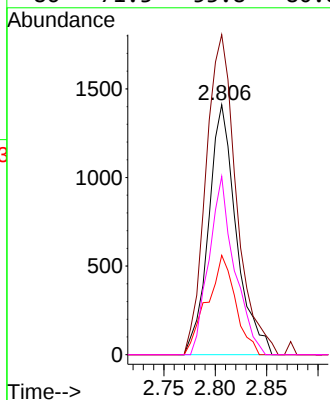
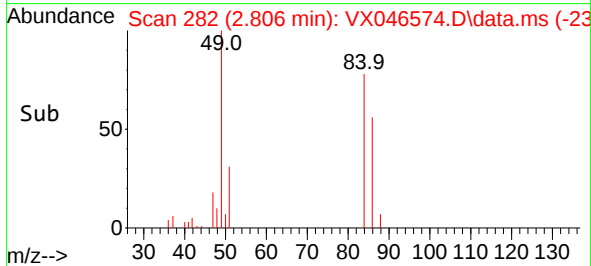


Tgt Ion: 84 Resp: 264

Ion	Ratio	Lower	Upper
84	100		
49	128.0	113.9	170.9
51	39.8	33.5	50.3
86	71.3	53.8	80.8

Manual Integrations
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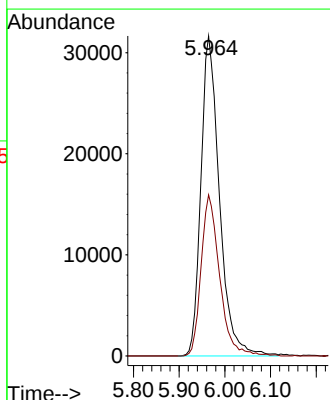
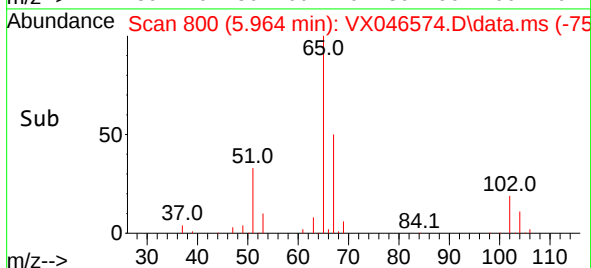
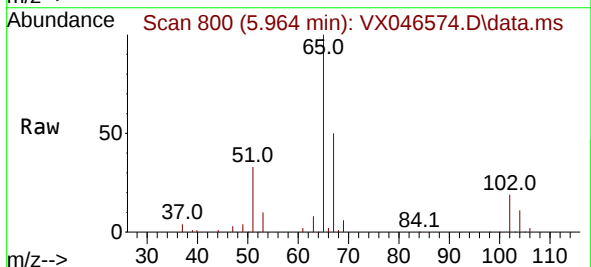
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#33
1,2-Dichloroethane-d4
Concen: 46.483 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

Tgt Ion: 65 Resp: 89053

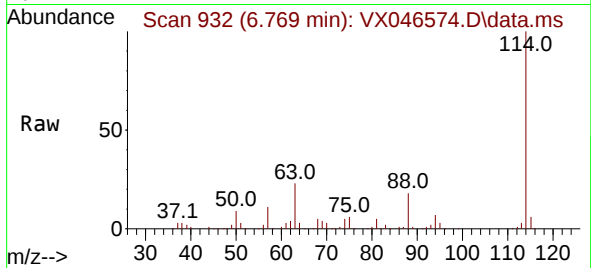
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

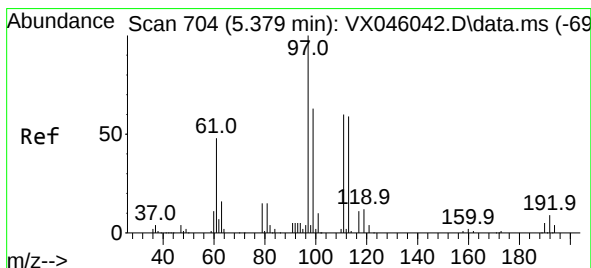
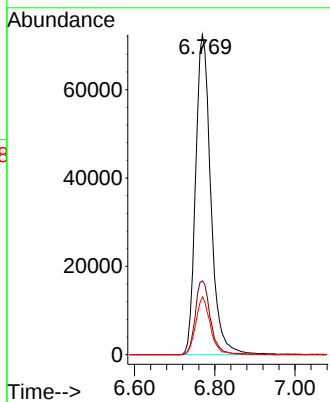
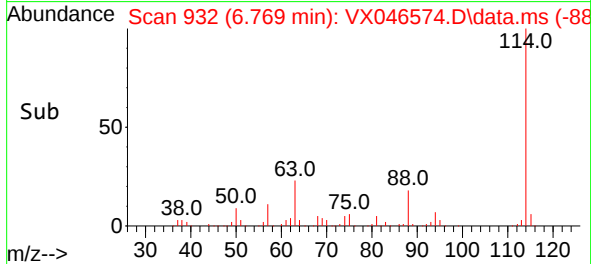
Instrument :
MSVOA_X
ClientSampleId :
TP-N



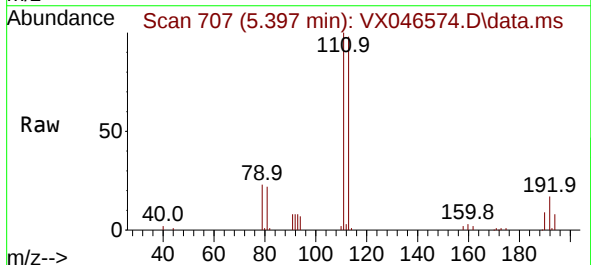
Tgt Ion:114 Resp: 190640
Ion Ratio Lower Upper
114 100
63 23.0 0.0 49.2
88 18.0 0.0 33.6

Manual Integrations
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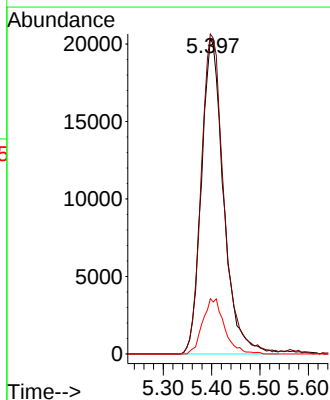
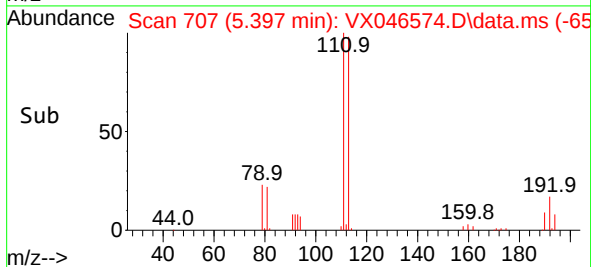
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

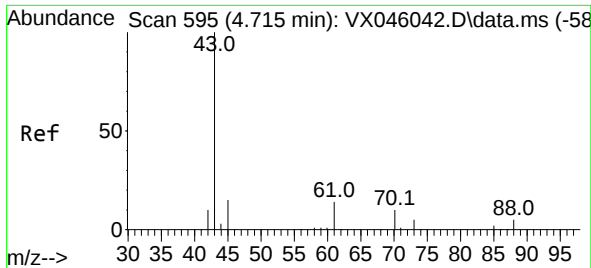


#35
Dibromofluoromethane
Concen: 46.266 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20



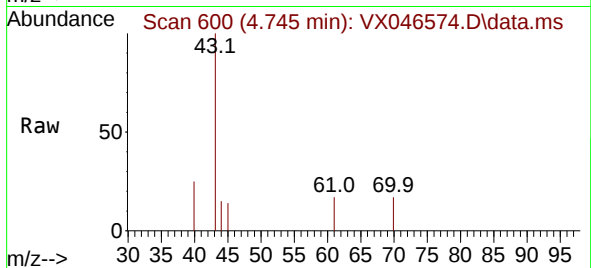
Tgt Ion:113 Resp: 64865
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 17.2 13.3 19.9





#37
Ethyl Acetate
Concen: 3.021 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

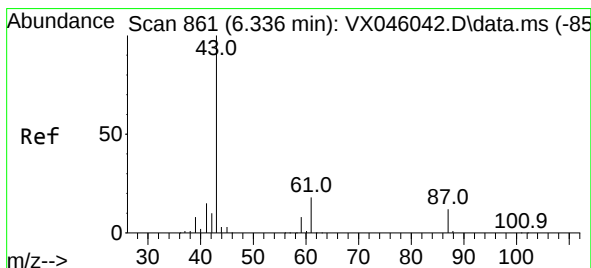
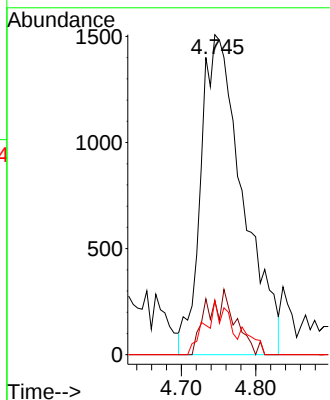
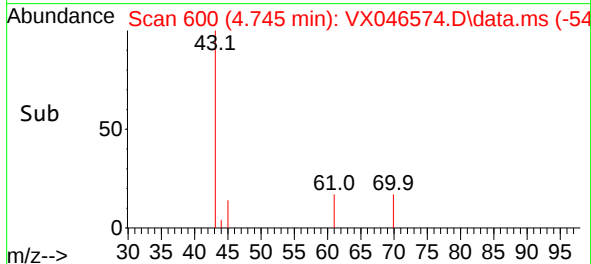
Instrument :
MSVOA_X
ClientSampleId :
TP-N



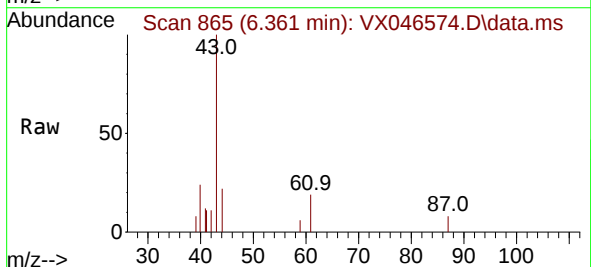
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
61 4.2 10.3 15.5
70 9.5 7.9 11.9

Manual Integrations
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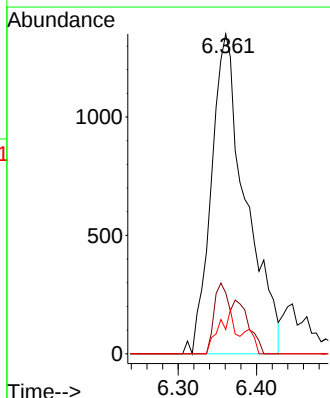
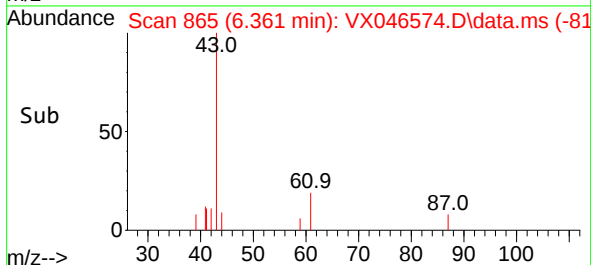
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025

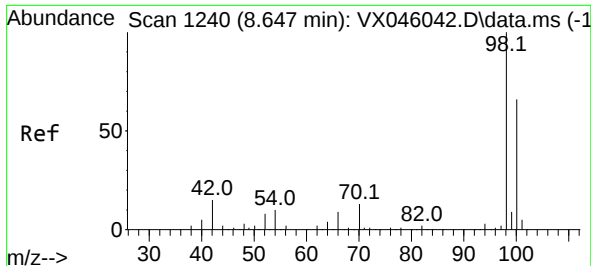


#43
Isopropyl Acetate
Concen: 1.208 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20



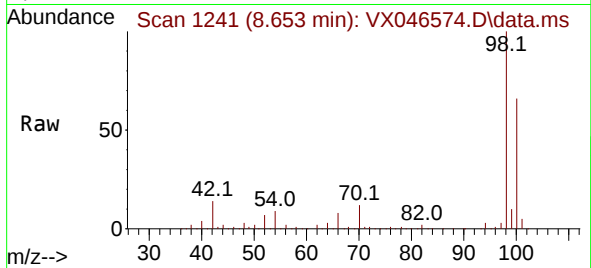
Tgt Ion: 43 Resp: 4116
Ion Ratio Lower Upper
43 100
61 17.3 14.3 21.5
87 6.6 9.5 14.3#





#50
Toluene-d8
Concen: 50.540 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

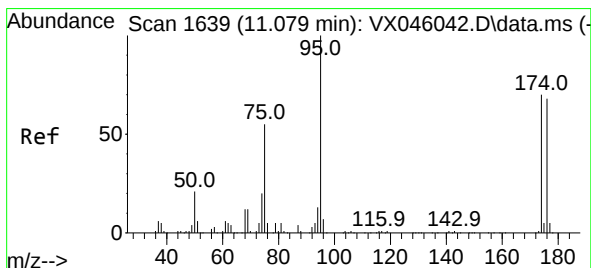
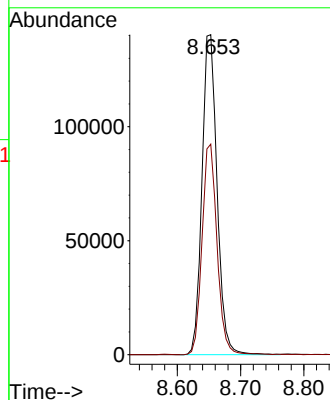
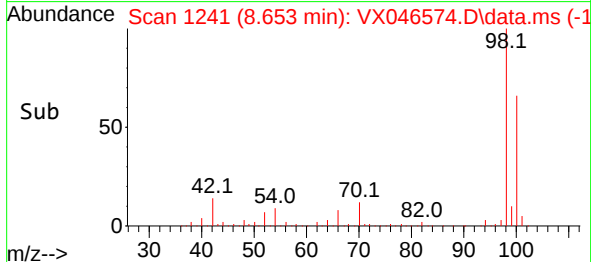
Instrument :
MSVOA_X
ClientSampleId :
TP-N



Tgt Ion: 98 Resp: 233608
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3

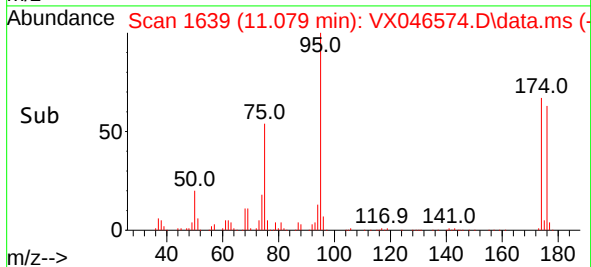
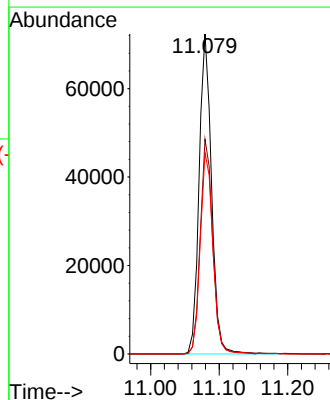
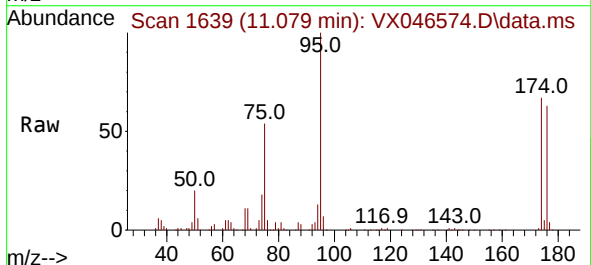
Manual Integrations
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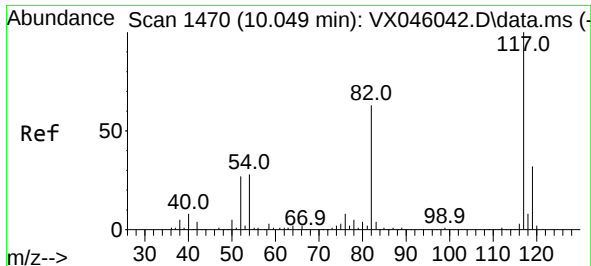
Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#62
4-Bromofluorobenzene
Concen: 47.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

Tgt Ion: 95 Resp: 91342
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 64.2 0.0 131.4





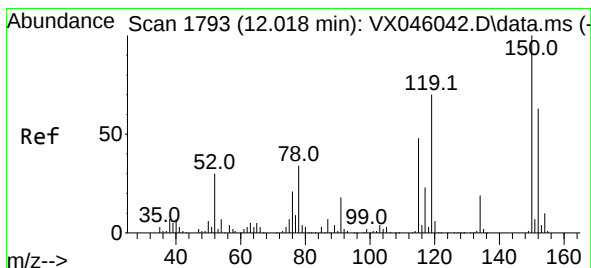
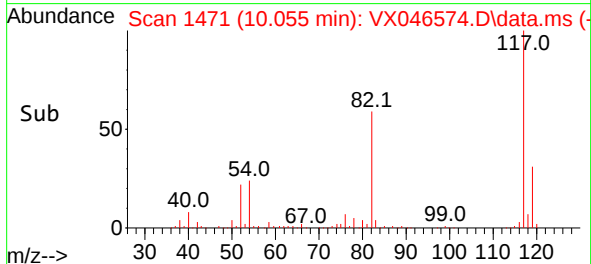
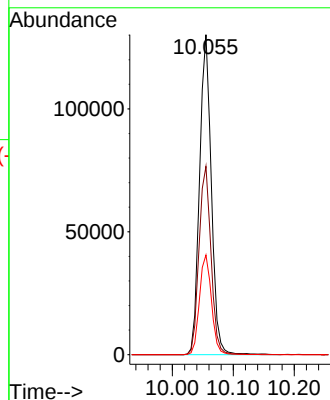
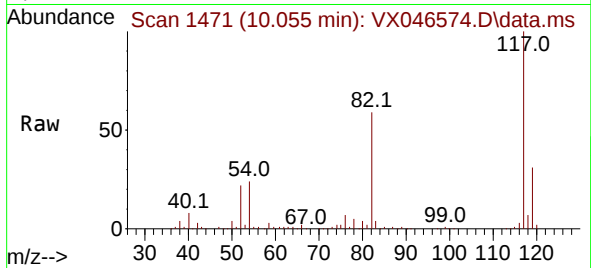
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

Instrument :
MSVOA_X
ClientSampleId :
TP-N

Tgt Ion:117 Resp: 174398
Ion Ratio Lower Upper
117 100
82 58.8 50.6 76.0
119 31.2 25.8 38.6

Manual Integrations
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Reviewed By :John Carlone 06/10/2025
Supervised By :Mahesh Dadoda 06/10/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046574.D
Acq: 09 Jun 2025 13:20

Tgt Ion:152 Resp: 85876
Ion Ratio Lower Upper
152 100
115 64.8 46.9 140.7
150 157.3 0.0 351.0

